

FIGURE 1: FEEDBACK CONTROL SYSTEM

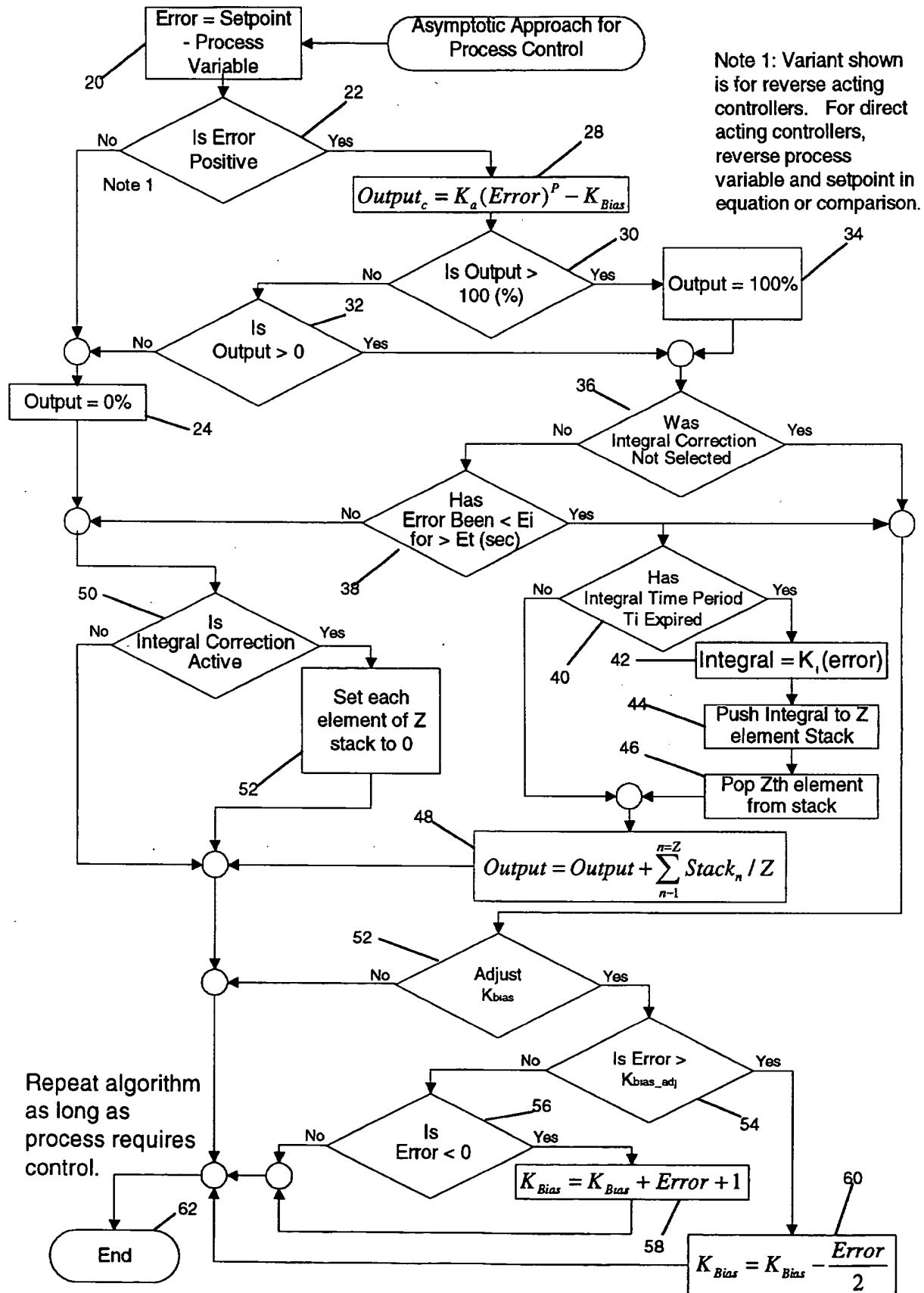
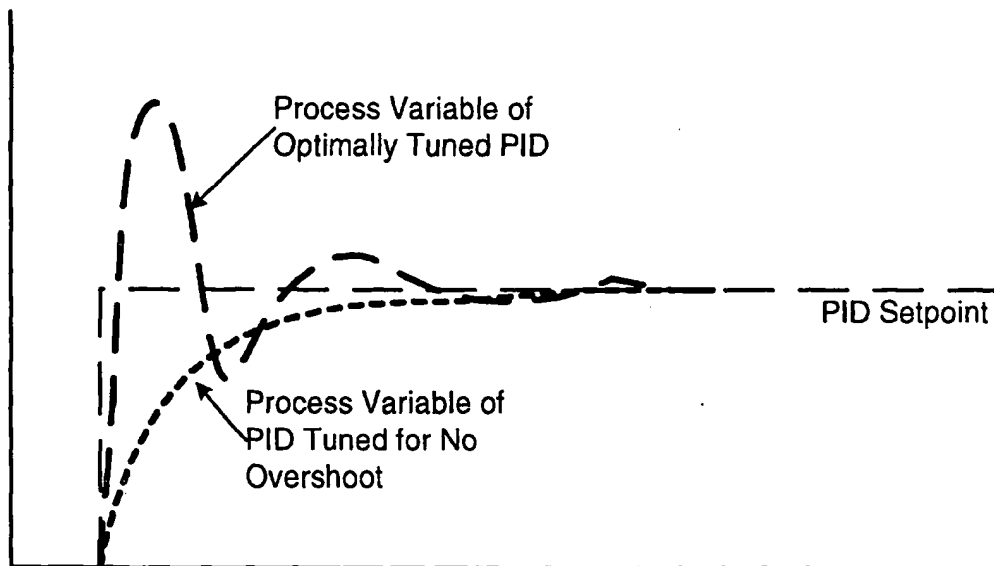
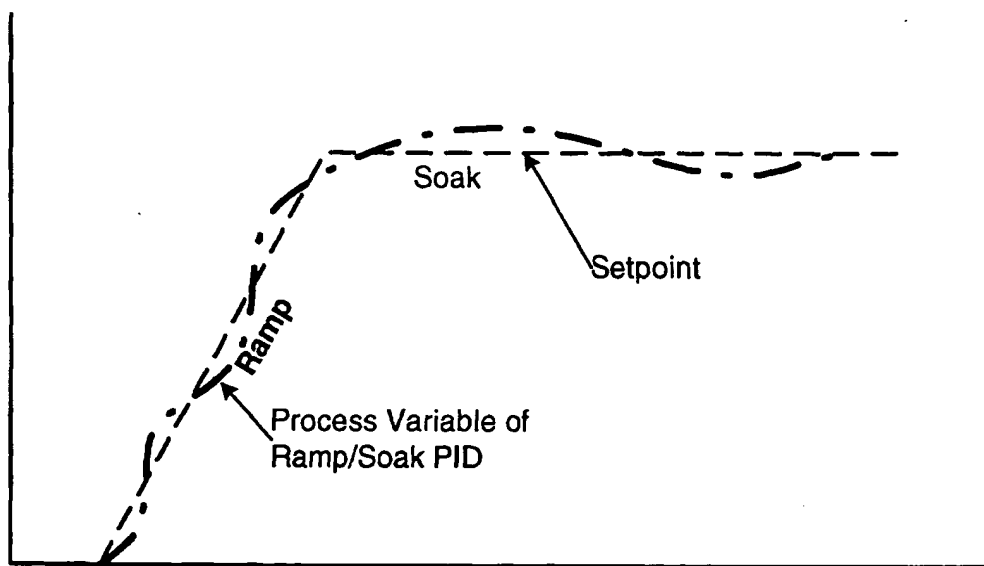


Figure 2: ASYMPTOTIC APPROACH ALGORITHM FLOWCHART

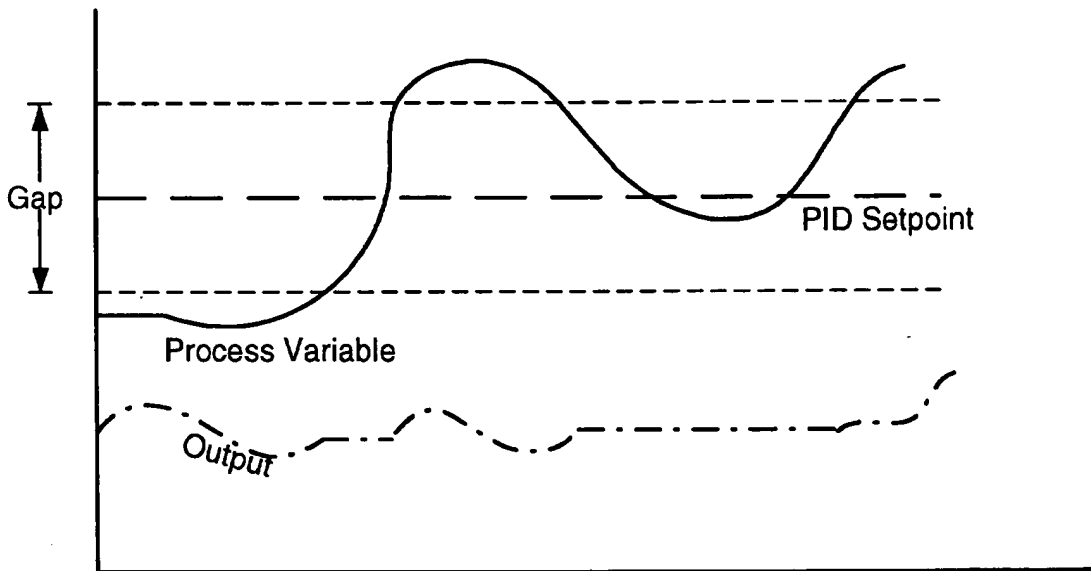


**Figure 3: OPTIMALLY TUNED PID CONTROLLER CURVE**  
Prior Art Reference

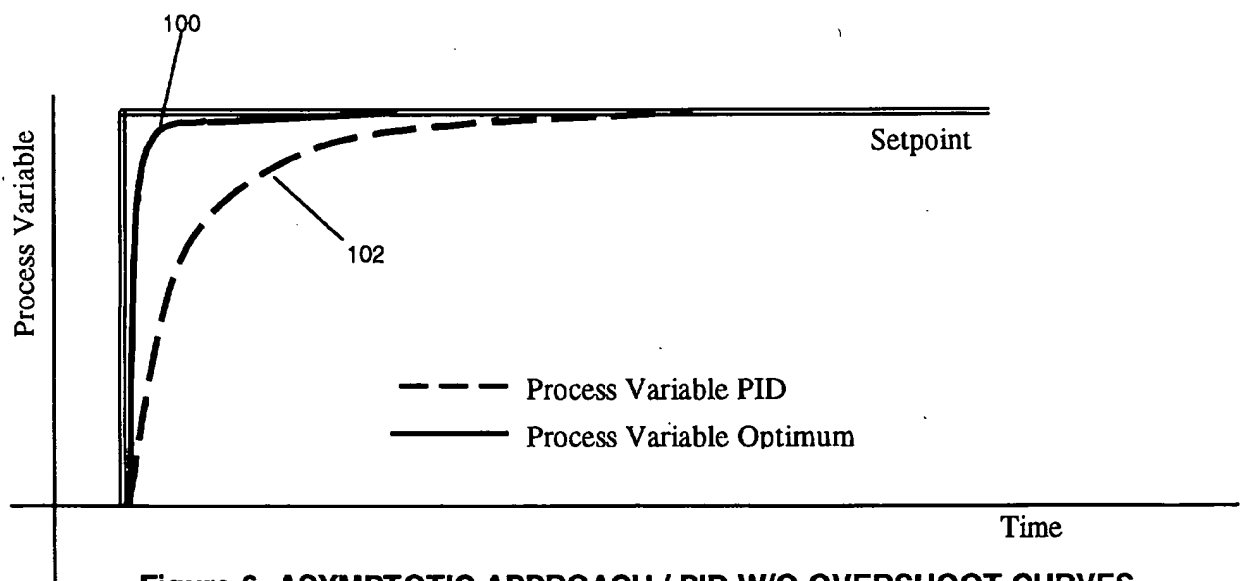


**Figure 4: RAMP/SOAK CONTROLLER CURVE**  
Prior Art Reference

0974799.042904



**Figure 5: PID GAP CONTROLLER CURVE**  
Prior Art Reference



**Figure 6: ASYMPTOTIC APPROACH / PID W/O OVERSHOOT CURVES**